

MAXIMUS

Completion Systems

FLOW CONTROL SYSTEMS



MR Landing Nipple (Bottom No-Go)

MR Bottom No-Go Non-Ported Landing Nipple is a tubing nipple for use with bottom no-go locking devices only. It has a Polished Sealbore, bottom no-go shoulder, and a locking groove.

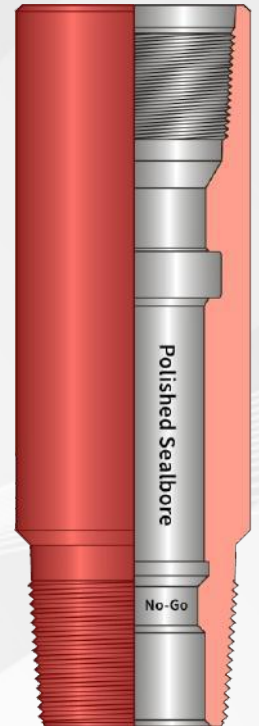
MR nipple locates, seals, and retains flow control accessories that have a bottom no-go locking device. The accessories are run and retrieved on slickline.

MR Landing Nipples are typically located at the bottom of the tubing string as the last profile, with only a slickline re-entry guide lower in the tubing string.

Benefits

The Bottom No-Go ensures simple and positive landing of wireline tools.

The Bottom No-Go prevents the loss of wireline tools when they are inadvertently dropped or released during running or retrieving.



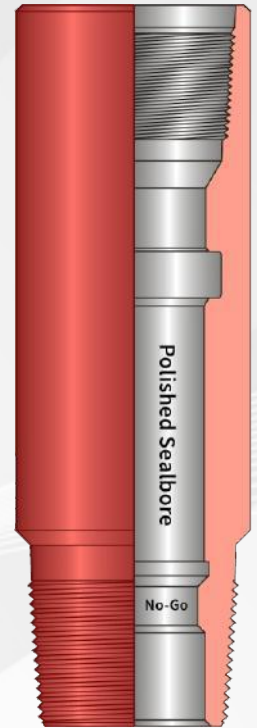
Applications

- Used to Land Instrument (Bomb) Hangers.
- Used to Land Blanking Plugs.
- Used to Land Check (Standing) Valves.
- Used to Land Injection Valves.
- Used to Land Chokes.



MR Landing Nipple (Bottom No-Go)

| Tubing O.D. | | Seal Bore I.D. | | No-Go | | Min O.D. Box by Pin Threads | |
|-------------|--------|----------------|-------|-------|-------|-----------------------------|--------|
| in. | mm. | in. | mm. | in. | mm. | in. | mm. |
| 1.660 | 42.15 | 1.187 | 30.15 | 1.135 | 28.83 | 1.875 | 47.63 |
| | | 1.250 | 31.75 | 1.198 | 30.43 | | |
| 1.900 | 48.26 | 1.437 | 36.50 | 1.385 | 35.18 | 2.109 | 53.57 |
| | | 1.500 | 38.10 | 1.447 | 36.75 | | |
| 2-1/16 | 53.37 | 1.562 | 39.67 | 1.510 | 38.35 | 2.250 | 57.15 |
| | | 1.625 | 41.28 | 1.572 | 39.93 | | |
| 2-3/8 | 60.33 | 1.781 | 45.24 | 1.728 | 43.89 | 2.560 | 65.02 |
| | | 1.812 | 46.02 | 1.760 | 44.70 | | |
| | | 1.875 | 47.63 | 1.822 | 46.28 | | |
| 2-7/8 | 73.03 | 2.062 | 52.37 | 1.965 | 49.91 | 3.109 | 78.97 |
| | | 2.125 | 53.98 | 2.035 | 51.69 | | |
| | | 2.250 | 57.15 | 2.197 | 55.80 | | |
| | | 2.312 | 58.75 | 2.259 | 57.38 | | |
| 3-1/2 | 88.90 | 2.562 | 65.07 | 2.442 | 62.03 | 3.687 | 93.65 |
| | | 2.750 | 69.85 | 2.697 | 68.50 | | |
| | | 2.812 | 71.42 | 2.759 | 70.08 | | |
| 4-1/2 | 114.30 | 3.688 | 93.68 | 3.625 | 92.08 | 5.200 | 132.08 |
| | | 3.750 | 95.25 | 3.700 | 93.98 | | |
| | | 3.812 | 96.82 | 3.759 | 95.48 | | |



LANDING NIPPLE PROFILE CHART

| | | TOP No-Go LANDING NIPPLES | | | | SELECTIVE LANDING NIPPLES | | | | BOTTOM NO-GO TYPE LANDING NIPPLES | | | | | | | | | |
|-------------|-----------|------------------------------|-------|---------------------------------|--------|---------------------------|-------|------------|-------|-----------------------------------|-------|-----------|--------|------------------|-------|---------------------------------|-------|-------|-------|
| | | Baker-style "MF" | | | | Otis-Style "MX" | | | | Baker-Style "MR" | | | | Otis-Style "MXN" | | | | | |
| TUBING O.D. | SEAL BORE | MIN O.D.* Box by Pin Threads | | NIPPLE O.D. Pin by Pin Threads. | | SEAL BORE | | NO-GO I.D. | | MIN O.D.* Box by Pin Threads | | SEAL BORE | | NO-GO I.D. | | NIPPLE O.D. Pin by Pin Threads. | | | |
| | | In. | mm | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | In. | mm. | | |
| 1.66 | 42.15 | 1.187 | 30.15 | 1.875 | 47.63 | 1.890 | 48.01 | 1.187 | 30.15 | 1.135 | 28.83 | 1.875 | 47.63 | 1.250 | 31.75 | 1.135 | 28.83 | 1.890 | 48.01 |
| | | 1.250 | 31.75 | | | 1.198 | 30.43 | 1.250 | 31.75 | 1.198 | 30.43 | | | 1.250 | 31.75 | | | | |
| 1.9 | 48.26 | 1.437 | 36.50 | 2.109 | 53.57 | | | 1.437 | 36.50 | 1.385 | 35.18 | 2.109 | 53.57 | 1.500 | 38.10 | 1.448 | 36.78 | 2.130 | 54.10 |
| | | 1.500 | 38.10 | | | 1.447 | 36.75 | 1.500 | 38.10 | 1.447 | 36.75 | | | 1.500 | 38.10 | | | 2.130 | 54.10 |
| 2.063 | 53.37 | 1.562 | 39.67 | 2.250 | 57.15 | 2.340 | 59.44 | 1.562 | 39.67 | 1.510 | 38.35 | 2.250 | 57.15 | 1.625 | 41.28 | 1.536 | 39.01 | 2.340 | 59.44 |
| | | 1.625 | 41.28 | | | 1.572 | 39.93 | 1.625 | 41.28 | 1.572 | 39.93 | | | 1.625 | 41.28 | | | 2.340 | 59.44 |
| 2.375 | 60.33 | 1.781 | 45.24 | 2.560 | 65.02 | | | 1.781 | 45.24 | 1.728 | 43.89 | 2.560 | 65.02 | 1.875 | 47.63 | 1.791 | 45.49 | 2.710 | 68.83 |
| | | 1.812 | 46.02 | | | 1.760 | 44.70 | 1.812 | 46.02 | 1.760 | 44.70 | | | 1.875 | 47.63 | | | 2.710 | 68.83 |
| 2.875 | 73.02 | 1.875 | 47.63 | 3.109 | 78.97 | 2.710 | 68.83 | 1.875 | 47.63 | 1.822 | 46.28 | 3.109 | 78.97 | 2.062 | 52.37 | 1.965 | 49.91 | | |
| | | 2.062 | 52.37 | | | | | 2.062 | 52.37 | 1.965 | 49.91 | | | 2.125 | 53.98 | 2.035 | 51.69 | | |
| 3.5 | 88.90 | 2.188 | 55.58 | 3.687 | 93.65 | | | 2.188 | 55.58 | 2.197 | 55.8 | 3.687 | 93.65 | 2.250 | 57.15 | 2.259 | 57.38 | 2.750 | 69.85 |
| | | 2.50 | 63.50 | | | | | 2.50 | 63.50 | 2.259 | 57.38 | | | 2.312 | 58.72 | 2.259 | 57.38 | 2.750 | 69.85 |
| 4.5 | 114.3 | 2.312 | 58.72 | 5.200 | 132.08 | 3.230 | 82.04 | 2.312 | 58.72 | 2.442 | 62.03 | 5.200 | 132.08 | 2.562 | 65.07 | 2.666 | 67.72 | 3.812 | 96.82 |
| | | 2.562 | 65.07 | | | | | 2.562 | 65.07 | 2.666 | 67.72 | | | 2.812 | 71.42 | 2.666 | 67.72 | 3.812 | 96.82 |

*NIPPLE O.D. IS NORMALLY COUPLING O.D. NIPPLE CANNOT BE SMALLER THAN THE DIMENSION SHOWN.

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